



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Itzhak Bentwich  
App. No.: 10/707,980  
Conf. No.: 1979  
Filing Date: January 29, 2004  
Title: BIOINFORMATICALLY  
DETECTABLE GROUP OF NOVEL  
REGULATORY OLIGONUCLEO-  
TIDES AND USES THEREOF  
Art Unit: 1631  
Examiner: Eric S. DeJong

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date:

September 18, 2006 /Teddy C. Scott, Jr., Ph.D./

Date

Teddy C. Scott, Jr., Ph.D.

Registration No. 53,573

## STATEMENT PURSUANT TO 37 C.F.R. § 1.825(b)

Dear Sir:

I hereby state that the information recorded on the Substitute Computer Readable Form, submitted herewith in accordance with 37 C.F.R. § 1.821(b), is identical to the written (on paper or compact disc) Replacement Sequence Listing submitted herewith in accordance with 37 C.F.R. § 1.825(a).

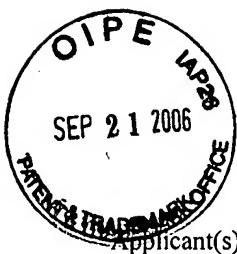
Respectfully submitted,

POLSINELLI SHALTON WELTE SUELTHAUS PC

Dated: September 18, 2006

By: /Teddy C. Scott, Jr., Ph.D./  
Teddy C. Scott, Jr., Ph.D.  
Registration No.: 53,573  
Customer No.: 37808

POLSINELLI SHALTON WELTE SUELTHAUS PC  
180 N. Stetson Ave., Suite 4525  
Chicago, IL 60601  
312.819.1900 (main)  
312.873.3613 (direct)  
312.602.3955 (efax)  
tscott@pswslaw.com



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Itzhak Bentwich  
App. No.: 10/707,980  
Conf. No.: 1979  
Filing Date: January 29, 2004  
Title: BIOINFORMATICALLY  
DETECTABLE GROUP OF NOVEL  
REGULATORY  
OLIGONUCLEOTIDES AND USES  
THEREOF  
Art Unit: 1631  
Examiner: Eric S. DeJong

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date:

September 18, 2006 /Teddy C. Scott, Jr., Ph.D./  
Date Teddy C. Scott, Jr., Ph.D.  
Registration No. 53,573

## REPLACEMENT SEQUENCE LISTING UNDER 37 C.F.R. § 1.825(a)

Dear Sir:

In compliance with 37 C.F.R. § 1.52(e), please find enclosed herewith 2 copies of a replacement compact disc containing a replacement Sequence Listing filed pursuant to 37 C.F.R. § 1.825(a).

SEQ ID NOS: 142622-142672 are new, support for which can be found at Fig. 22B as originally filed.

SEQ ID NOS: 142673-142681 are new, support for which can be found at paragraphs [0313]-[0316] of the specification as originally filed.

SEQ ID NOS: 142682-142687 are new, support for which can be found at paragraph [0337] as originally filed.

SEQ ID NOS: 142688-142698 are new, support for which can be found at Fig. 23B as originally filed.

SEQ ID NO: 142699 is new, support for which can be found at Fig. 24A as originally filed.

SEQ ID NO: 142700 is new, support for which can be found at Table 10, lines 267-330 as originally filed, which in part recites:

Nucleotide sequence of GR7405 is located from position 131248823 to position 131249168 relative to chromosome chrX on the '-' strand (chr is an abbreviation for chromosome).

The sequence of SEQ ID NO: 142700 reflects the sequence of the above-cited chromosome position as available from the current version of the human genome.

In view of the new sequences being supported by the application as originally filed, Applicant respectfully submits that the replacement compact disc contains no new matter in accordance with 37 C.F.R. § 1.825(a).

Respectfully submitted,

POLSINELLI SHALTON WELTE SUELTHAUS PC

Dated: September 18, 2006

By: /Teddy C. Scott, Jr., Ph.D./  
Teddy C. Scott, Jr., Ph.D.  
Registration No.: 53,573  
Customer No.: 37808

POLSINELLI SHALTON WELTE SUELTHAUS PC  
180 N. Stetson Ave., Suite 4525  
Chicago, IL 60601  
312.819.1900 (main)  
312.873.3613 (direct)  
312.602.3955 (efax)  
tscott@pswslaw.com